

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT



<b>APPLICATION FOR PERMIT TO DRILL</b>						<b>1. WELL NAME and NUMBER</b> Desert Spring State 243-36-9-18					
<b>2. TYPE OF WORK</b> DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						<b>3. FIELD OR WILDCAT</b> 8 MILE FLAT NORTH					
<b>4. TYPE OF WELL</b> Gas Well <input checked="" type="checkbox"/> Coalbed Methane Well: NO <input type="checkbox"/>						<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b>					
<b>6. NAME OF OPERATOR</b> GASCO PRODUCTION COMPANY						<b>7. OPERATOR PHONE</b> 303 996-1805					
<b>8. ADDRESS OF OPERATOR</b> 8 Inverness Dr. East, Suite 100, Englewood, CO, 80112						<b>9. OPERATOR E-MAIL</b> jberg@gascoenergy.com					
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> ML-45171			<b>11. MINERAL OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>			<b>12. SURFACE OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>					
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b>						<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>					
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b>						<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>					
<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b>			<b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b> YES <input checked="" type="checkbox"/> (Submit Commingling Application) NO <input type="checkbox"/>			<b>19. SLANT</b> VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>					

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	1416 FSL 869 FWL	NWSW	36	9.0 S	18.0 E	S
Top of Uppermost Producing Zone	495 FSL 1980 FWL	SESW	36	9.0 S	18.0 E	S
At Total Depth	495 FSL 1980 FWL	SESW	36	9.0 S	18.0 E	S

<b>21. COUNTY</b> UINTAH		<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 495		<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 640	
		<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 10		<b>26. PROPOSED DEPTH</b> MD: 12763 TVD: 12535	
<b>27. ELEVATION - GROUND LEVEL</b> 4993		<b>28. BOND NUMBER</b> k08792707		<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> Recycled production water; water right 41-3530	

Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
COND	20	16	0 - 60	48.0	H-40 ST&C	8.3	Class G	55	1.18	15.8
SURF	11	8.625	0 - 3000	32.0	J-55 LT&C	9.0	Varocem	350	2.722	11.5
							Varocem	250	1.649	13.5
PROD	7.875	4.5	0 - 12763	13.5	HCP-110 LT&C	11.0	Class G	490	2.057	12.5
							Class G	2000	1.499	14.1

**ATTACHMENTS**

**VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES**

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

<b>NAME</b> Jessica Berg	<b>TITLE</b> Regulatory Analyst	<b>PHONE</b> 303 996-1805
<b>SIGNATURE</b>	<b>DATE</b> 06/25/2014	<b>EMAIL</b> jberg@gascoenergy.com
<b>API NUMBER ASSIGNED</b> 43047545420000		<b>APPROVAL</b>  <div style="text-align: center;">             Permit Manager         </div>

*T9S, R18E, S.L.B.&M.*

GASCO PRODUCTION COMPANY

Well location, DESERT SPRINGS STATE  
#243-36-9-18, located as shown in the NW 1/4  
SW 1/4 of Section 36, T9S, R18E, S.L.B.&M.,  
Uintah County, Utah.

## BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 14,  
T10S, R18E, S.L.B.&M., TAKEN FROM THE MOON BOTTOM  
QUADRANGLE, UTAH, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP)  
PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE  
INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS  
BEING 5129 FEET.

## BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S50°17'01"E	1445.09'



SCALE

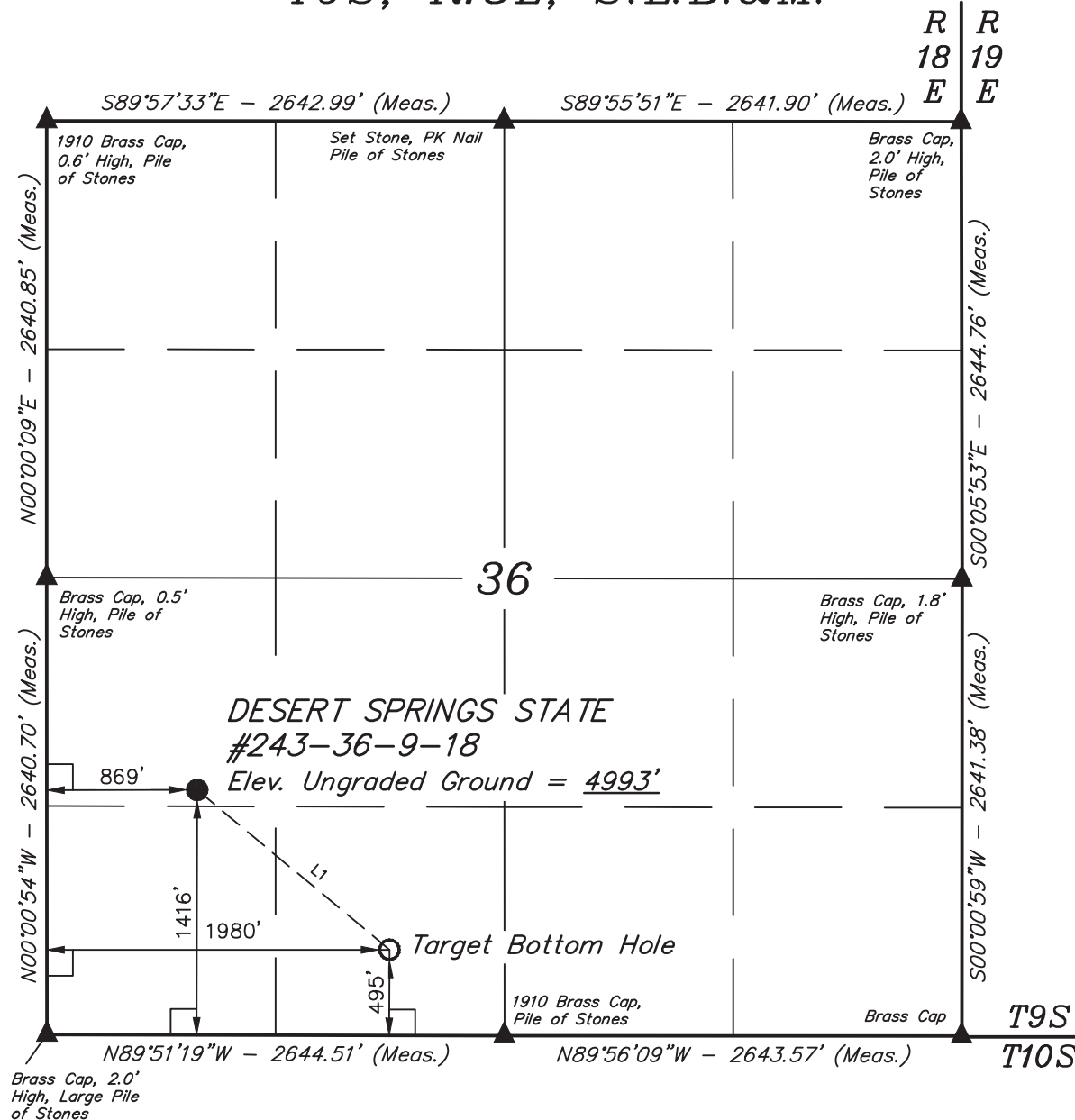
## CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PART WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.




REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

UTAH ENGINEERING & LAND SURVEYING  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 06-09-14	DATE DRAWN: 06-10-14
PARTY N.F. T.M. H.K.W.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE GASCO PRODUCTION COMPANY	



LEGEND:

-  = 90° SYMBOL  
 = PROPOSED WELL HEAD.  
 = SECTION CORNERS LOCATED.

<b>NAD 83 (TARGET BOTTOM HOLE)</b>	<b>NAD 83 (SURFACE LOCATION)</b>
<b>LATITUDE</b> = 39°58'53.39" (39.981497)	<b>LATITUDE</b> = 39°59'02.52" (39.984033)
<b>LONGITUDE</b> = 109°50'39.68" (109.844356)	<b>LONGITUDE</b> = 109°50'53.95" (109.848319)
<b>NAD 27 (TARGET BOTTOM HOLE)</b>	<b>NAD 27 (SURFACE LOCATION)</b>
<b>LATITUDE</b> = 39°58'53.52" (39.981533)	<b>LATITUDE</b> = 39°59'02.65" (39.984069)
<b>LONGITUDE</b> = 109°50'37.16" (109.843656)	<b>LONGITUDE</b> = 109°50'51.43" (109.847619)